

UTokyo Amgen Scholars Program 2022
Host Laboratories & Project Topics

Name of Faculty Member (Title)	KATAOKA Naoyuki (Associate Professor)
Name of Graduate School / Faculty/ Institute	Graduate School of Agricultural and Life Sciences
Research Topic & Research Description	Interplay between RNA processing and epigenetics in eukaryotic gene expression
Special academic conditions required for research	1) Prerequisite knowledge and/or specific skill and its proficiency
	Knowledges about the processes of gene expression from eukaryotic genome are desirable. Skills for molecular and cellular biology, such as DNA cloning, PCR reaction, Reverse Transcription PCR, transfection of plasmids into culture cells, cell culture and immunoblotting are preferable.
	2) Required study field(s)
	Molecular Biology, especially gene expression processes in higher eukaryotes. Biochemical reaction steps in eukaryotic cells.
3) Academic background or research project experience to be considered at selection	3) Academic background or research project experience to be considered at selection
	Academic background or research experience in any fields of Biochemistry, Molecular Biology and Cellular Biology will be considered.
Lab Website	http://www.vm.a.u-tokyo.ac.jp/seika/
Campus	Hongo·Yayoi
Academic Research Areas	Biochemistry Molecular, Cell and Developmental Biology Biotechnology
Lab Videos	http://www.ar.a.u-tokyo.ac.jp/pages/English/E_labs.html